

A CONFORMING TEMPLATE FOR PATTERNING LIQUIDS DISPOSED ON SUBSTRATES

[0044] The present invention includes a conforming template for patterning liquids disposed on substrates. The template includes a body having opposed first and second surfaces. The first surface includes a plurality of recessed regions with a patterning region being disposed between adjacent recessed regions. Specifically, the recessed regions define flexure regions about which each patterning region may move independent of the remaining patterning regions of the template. In one embodiment the template is mounted to a fluid chamber having an inlet and a throughway. The template is connected to the throughway and the inlet is connected to a fluid source to facilitate deformation of the template to conform to a profile of a surface adjacent thereto.